

**SECRET**

OEL-928-65  
10 September 1965

EDD \_\_\_\_\_  
RS \_\_\_\_\_  
RP \_\_\_\_\_  
KB \_\_\_\_\_  
WC \_\_\_\_\_  
DB \_\_\_\_\_  
NM \_\_\_\_\_  
PA \_\_\_\_\_  
RG \_\_\_\_\_

**MEMORANDUM FOR: Director of ELINT**

**SUBJECT:** Possible SIDE NET Radar Intercept by  
Mission C-455C

25X1

1. At 0418Z mission C-455C intercepted a sector scanning signal which emanated from either South China or North Vietnam. Its parameters were:

**RF:** Undefined - between 1 - 8 kmc

**PRF:** 300 pps

**Scan:** Irregular sector with periods ranging between 3.5 and 4.5 seconds

2. This signal was reported by PEC as a Soviet built SIDE NET height finder. However, the sector to beamwidth ratio associated with the signal is compatible to that of the ROCK CAKE height finder. Further, the irregular sector scan rate is not compatible with the normally observed parameters of the SIDE NET, but has been observed quite frequently with the ROCK CAKE.

3. Based upon the data provided by this intercept, the signal is identified as a ROCK CAKE operating in a manual nodding mode.

Chief, Analysis Division/OEL

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GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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*credence*